

# The GTC Archive. Status Report

Enrique Solano

First release: Nov 2011

Public and private data



Grant PID2020-112494GB-I00 funded by

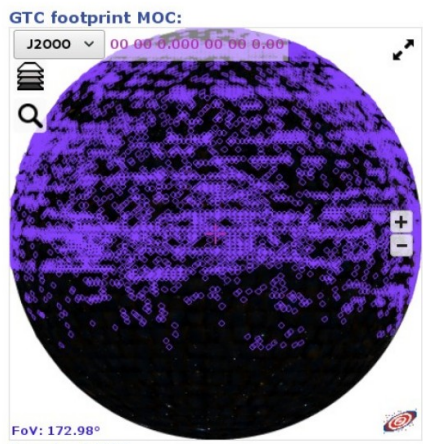


# The GTC Archive: Web access

https://gtc.sdc.cab.inta-csic.es/gtc/



## GTC Archive: Search Form



**Search by Target:**

Object List:

Examples (coordinates in J2000):  
64.99061 52.98401  
4 19 57.75 +52 59 02.436  
4:19:57.75 +52:59:02.436  
ULAS J135058.86+081506.8

**Search by Date:**

Between:

And:

**Search by Instrumentation:**

Only reduced data:

- Spectroscopy:
  - OSIRIS Long Slit
  - OSIRIS Multi-Object Spectroscopy
  - CANARICAM Spectroscopy
  - EMIR Spectroscopy
- Imaging:
  - OSIRIS Broad Band Photometry
  - OSIRIS Tunable Filters
  - CANARICAM Imaging
  - CIRCE Imaging
  - EMIR Broad Band Imaging
  - EMIR Medium Band Imaging
  - EMIR Narrow Band Imaging
  - HIPERCAM Imaging
- Polarimetry:
  - CANARICAM Polarimetry
  - CIRCE Polarimetry

**Search by Program:**

Program ID:

Obs. Block:

% character may be used as wildcard.  
Type "%ESO%" for ESO-GTC Large Programmes

# The GTC Archive: VO access

Aladin v10.0

File Edit Image Catalog Overlay Coverage Tool View Interop Help

Available data → 3 / 22682  
in view out view

Command [x] Frame [CRS] Projection [Gnomonic]

select pan dist phot draw tag mic plot prep del

Welcome to Aladin, your professional sky atlas.

- Discover all astronomical data available over the net!
- Compare them with your own data.
- Prepare your observation missions.

To start, type any object name, such as M1, and press ENTER...  
Or easier, clic in the main frame and enjoy the sky...

30° 2.806' x 3.065' 30° 2.806' x 3.065'

[View B1] - http://gtc.sdc.cab.inta-csic

Reference	Title	Observat...	Format	RA	Dec	Telescope	Instrument	Naxes	Naxis	FileSize
introl/2ma	GTC Imag...	6712	applicat...	59.56237	32.08714	GTC	OSI	N/A	N/A	N/A

select GTC  
from --all collections--

col. view scan filter

epoch: -  
size: -  
date: -  
epoch: -  
zoom: -

3.921' x 0.479'

# Archive contents (raw science files)

OSIRIS	202 571 (+ 3211)
CANARICAM	1785 (+0)
HORuS	717 (+0)
CIRCE	8808 (+0)
EMIR	854 676 (+ 169 011)
HIPERCAM	755 (+68)
MEGARA	17329 (+260)

**1 086 641 (+172553) raw science files**

# From the telescope to the archive

Between:

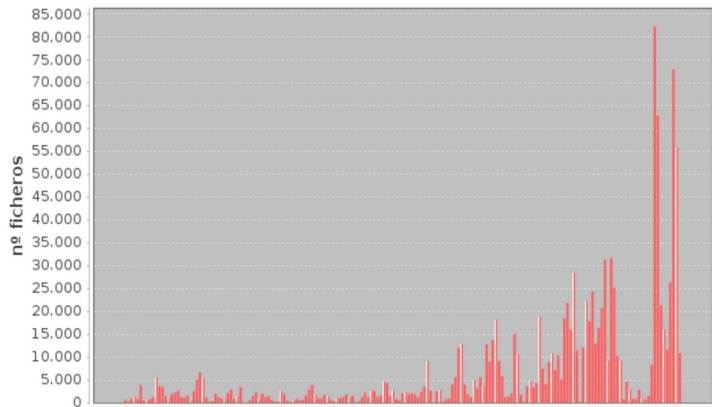
March 2009

And:

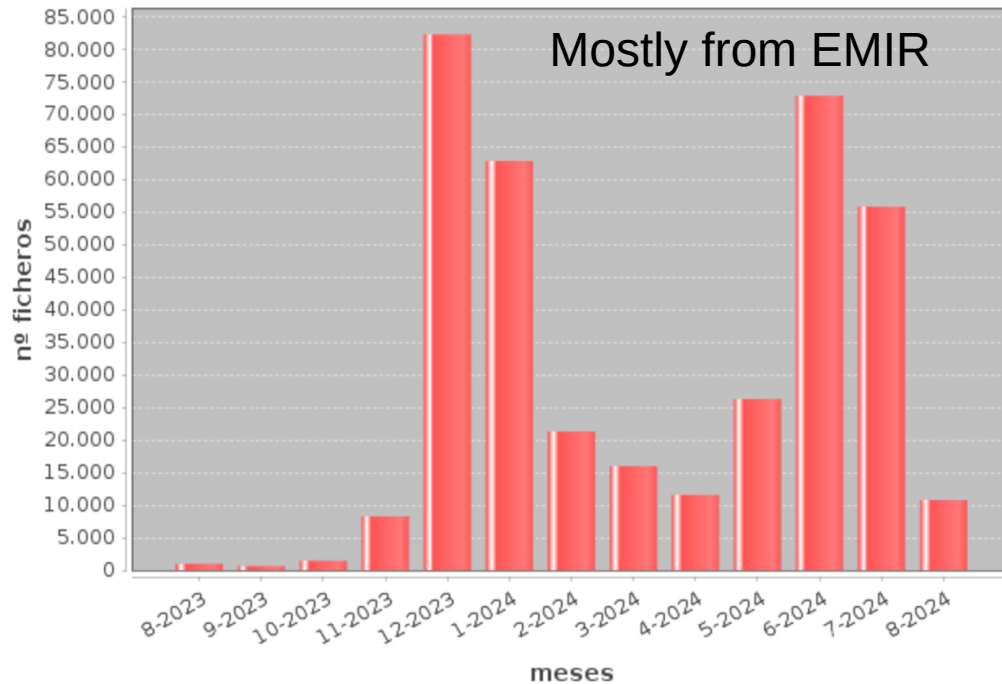
August 2024

Aceptar

## Histograma datos GTC

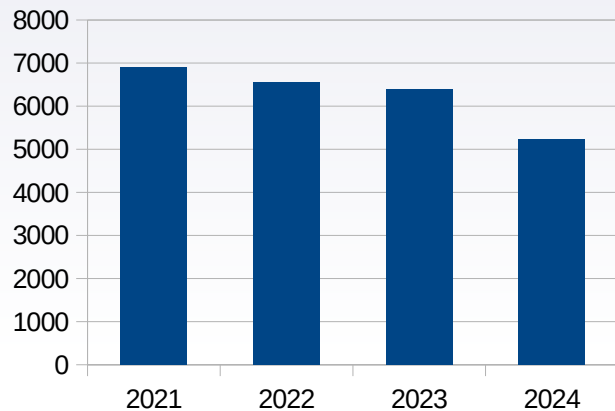


## Histograma datos GTC

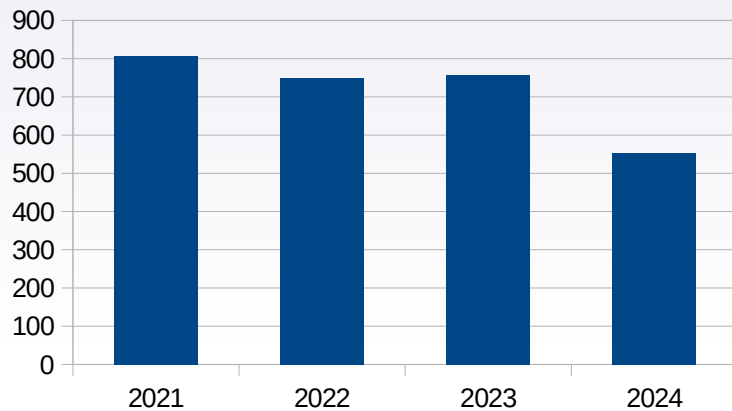


# Usage statistics

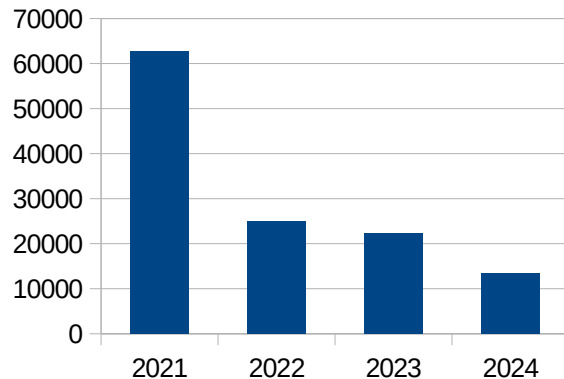
## Queries



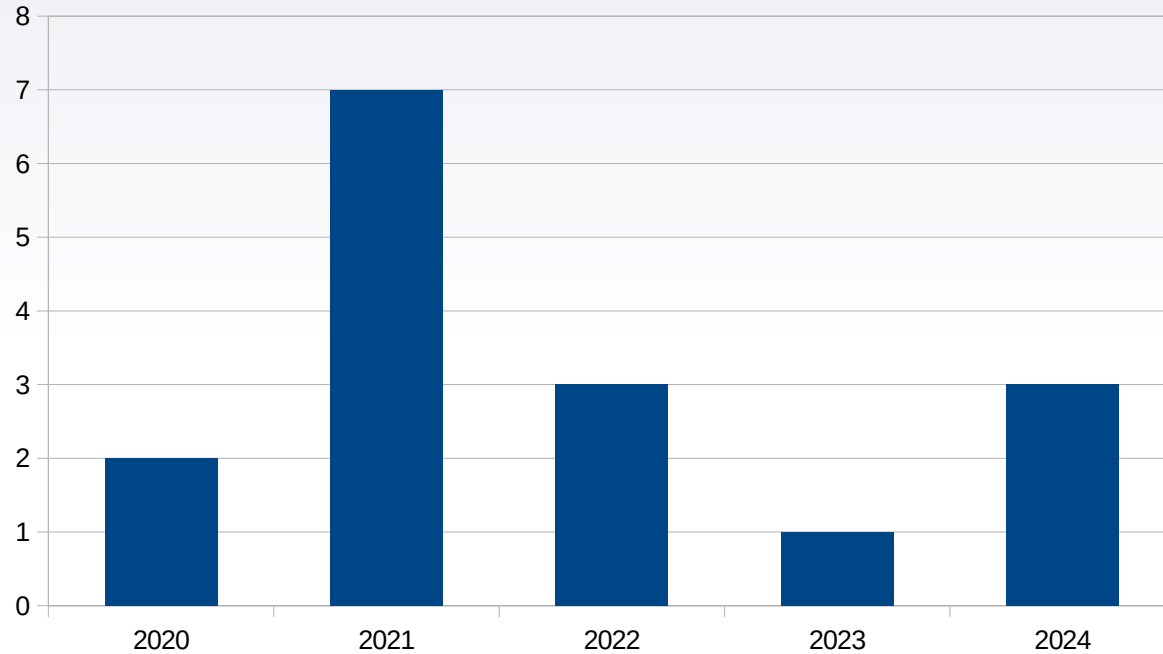
## Hosts



## Science files



# Papers making use of the archive





# GUC recommendations

*“We recommend the GTC archive include the ability to search via a SIMBAD object resolver query”*

Basic data :

**6C 001403+811827 -- BL Lac**

## Identifiers (60) :

An access of full data is available using the icon Vizier near the identifier of the catalogue

6C 001403+811827	KODIAQ J001708+813508	IRXS J001710.2+813507	[HB93] 0014+813
LXAG J001720+8135	MASIV J0017+8135	S5 0014+813	[LWT91] 0014+8130
6C 001409+811809	2MASS J00170851+8135082	S5 0014+81	[MGL2009] 82Q J0017+8135
CGraBS J0017+8135	MY 001403.5+811846.1	SWIFT J0018.8+8137	[MML2015] 5B2Q J0017+8135
CJ2 0014+813	MY 001403.5+813525.7	SWIFT J0018.8+8136	[S98b] 0014+813
CJF B0014+813	NVSS J001708+813508	SWIFT J0017.1+8134	[SRM2005] J001708.47+813508.1
CLASS J001708.4761+813508.138	PBC J0018.3+8135	SWIFT J0018.9+8135	[VV2000] J001708.1+813507
CRATES J001707+813507	QSO B0014+810	TGSSADR J001708.5+813504	[VV2003] J001708.1+813507
ICRF J001708.4+813508	QSO B0014+81	TIC 468255849	[VV2006] J001708.1+813507
IERS B0014+813	QSO B0014+812	WB 0013+8118	[VV2010] J001708.1+813507
INTREF 9	QSO B0014+8118	WISEA J001708.50+813508.1	[VV96] J001708.1+813507
IVS B0014+813	QSO B0014+813	WISE J001708.50+813508.1	[VV98] J001708.1+813507
JVAS J0017+8135	QSO J0017+8135	WN B0014.0+8118	Gaia DR2 566773097086885888
JVAS< B0014+813	RFC J0017+8135	[DGT2001] B0014+813	Gaia DR3 566773097086885888
J001716+813441	RORF 0014+813	[GCD96] 0014+81	Gaia DR1 566773092790942080

## Search by Target:

Object List:

Gaia DR3  
566773097086885888

Examples (coordinates in J2000):  
64.99061 52.98401  
4 19 57.75 +52 59 02.436  
4:19:57.75 +52:59:02.436  
ULAS J135058.86+081506.8

Browse... No file selected.

Search radius: 5 arcmin

2 Products found matching your criteria

Download selected in zip format

Page 1 of 1 New Search

Prod ID	Program ID	PI	O.Block	Object	RA (deg) J2000	DEC (deg) J2000
4692449	GTC6-24A?	Fabrizio Manuel Pérez Toledo	0053	S5_0014+81	4.27853	81.54871
4692448	GTC6-24A?	Fabrizio Manuel Pérez Toledo	0053	S5_0014+81	4.27853	81.54871

## Search by Date:

Between: 24 August 2024

And: 25 August 2024



# GUC recommendations

**“We recommend the GTC archive include the ability to search by PI name in order to make finding relevant data products easier”.**

Search by Program:

Program ID:  % character may be used as wildcard.  
 Type "%ESO%" for ESO-GTC Large Programmes

**Program PI:**  % character may be used as wildcard.

Obs. Block:

GTC Programmes: Large



610 Products found matching your criteria

Download selected in  format

Page 5 of 7 « Prev. Next » New Search

Prod ID	Program ID	PI	O.Block	Object	RA (deg) J2000	DEC (deg) J2000	RAJ2000 (hh:mm:ss.ss)	DECJ2000 (dd:mm:ss.s)	Instr.	Obs. Mode	Init.Time	End Time	Exptim (s)
4014517	GTC90-23B?	Ignacio Negueruela Diez	0097	FSR702 S1	72.84353	45.66480	04:51:22.45	45:39:53.3	OSIRIS	LSS?	2023-11-26 02:51:59.0	2023-11-26 03:01:59.0	600
4015641	GTC90-23B?	Ignacio Negueruela Diez	0098	FSR702 S2	72.83385	45.74764	04:51:20.12	45:44:51.5	OSIRIS	LSS?	2023-11-27 03:14:46.0	2023-11-27 03:22:46.0	480
4015642	GTC90-23B?	Ignacio Negueruela Diez	0098	FSR702 S2	72.83385	45.74764	04:51:20.12	45:44:51.5	OSIRIS	LSS?	2023-11-27 03:23:12.0	2023-11-27 03:31:12.0	480
4051207	GTC90-23B?	Ignacio Negueruela Diez	0099	CWNU1899 S2-S1	58.08136	54.47372	03:52:19.53	54:28:25.4	OSIRIS	LSS?	2023-12-21 02:16:57.0	2023-12-21 02:24:27.0	450
4051208	GTC90-23B?	Ignacio Negueruela Diez	0099	CWNU1899 S2-S1	58.08136	54.47372	03:52:19.53	54:28:25.4	OSIRIS	LSS?	2023-12-21 02:24:53.0	2023-12-21 02:32:23.0	450
4014528	GTC90-23B?	Ignacio Negueruela Diez	0100	CWNU2012 S6-S7	102.46680	-0.19153	06:49:52.03	-00:11:29.5	OSIRIS	LSS?	2023-11-26 03:26:15.0	2023-11-26 03:34:35.0	500
4014529	GTC90-23B?	Ignacio Negueruela Diez	0100	CWNU2012 S6-S7	102.46680	-0.19153	06:49:52.03	-00:11:29.5	OSIRIS	LSS?	2023-11-26 03:35:01.0	2023-11-26 03:43:21.0	500
4048528	GTC90-23B?	Ignacio Negueruela Diez	0101	CWNU2012-S1	102.34330	-0.25906	06:49:22.39	-00:15:32.6	OSIRIS	LSS?	2023-12-14 23:26:28.0	2023-12-14 23:31:28.0	300
4048529	GTC90-23B?	Ignacio Negueruela Diez	0101	CWNU2012-S1	102.34330	-0.25906	06:49:22.39	-00:15:32.6	OSIRIS	LSS?	2023-12-14 23:31:54.0	2023-12-14 23:36:54.0	300
4048552	GTC90-23B?	Ignacio Negueruela Diez	0102	CWNU2012 S2	102.77160	-0.46044	06:51:5.18	-00:27:37.6	OSIRIS	LSS?	2023-12-15 00:22:09.0	2023-12-15 00:24:39.0	150
4048553	GTC90-23B?	Ignacio Negueruela Diez	0102	CWNU2012 S2	102.77160	-0.46044	06:51:5.18	-00:27:37.6	OSIRIS	LSS?	2023-12-15 00:25:05.0	2023-12-15 00:27:35.0	150
4048546	GTC90-23B?	Ignacio Negueruela Diez	0104	CWNU2012-S4	102.44051	0.05524	06:49:45.72	00:03:18.9	OSIRIS	LSS?	2023-12-15 00:05:49.0	2023-12-15 00:10:49.0	300
4048547	GTC90-23B?	Ignacio Negueruela Diez	0104	CWNU2012-S4	102.44051	0.05524	06:49:45.72	00:03:18.9	OSIRIS	LSS?	2023-12-15 00:11:15.0	2023-12-15 00:16:15.0	300
4048540	GTC90-23B?	Ignacio Negueruela Diez	0105	CWNU2012 S5	102.50825	-0.12132	06:50:1.98	-00:07:16.8	OSIRIS	LSS?	2023-12-14 23:53:04.0	2023-12-14 23:56:24.0	200
4048541	GTC90-23B?	Ignacio Negueruela Diez	0105	CWNU2012 S5	102.50825	-0.12132	06:50:1.98	-00:07:16.8	OSIRIS	LSS?	2023-12-14 23:56:50.0	2023-12-15 00:00:10.0	200
4048534	GTC90-23B?	Ignacio Negueruela Diez	0106	Waterloo1-S27	65.01648	53.01749	04:20:3.96	53:01:3.0	OSIRIS	LSS?	2023-12-14 23:43:39.0	2023-12-14 23:44:09.0	30
4048535	GTC90-23B?	Ignacio Negueruela Diez	0106	Waterloo1-S27	65.01648	53.01749	04:20:3.96	53:01:3.0	OSIRIS	LSS?	2023-12-14 23:44:35.0	2023-12-14 23:45:05.0	30
3808051	GTC94-23A?	Ignacio Negueruela Diez	0001	Be43-S1	288.85634	11.24700	19:15:25.52	11:14:49.2	OSIRIS	LSS?	2023-03-04 06:47:02.0	2023-03-04 06:49:32.0	150
3808052	GTC94-23A?	Ignacio Negueruela Diez	0001	Be43-S1	288.85634	11.24700	19:15:25.52	11:14:49.2	OSIRIS	LSS?	2023-03-04 06:50:09.0	2023-03-04 06:52:39.0	150